

ABSTRACT OF THE DISCLOSURE

A relief valve mechanism for an oil pump includes a body having a first hole, a spring housed in the body adapted to apply biasing force to a relief valve in response to contraction of the spring, a first opening connected to the first hole of the body, a relief valve adapted to close the first opening in response to the biasing force of the spring and adapted to open the first opening against the biasing force in response to pressure of fluid from the oil pump applied to one end of the valve means and means for sensing a temperature at a the spring at a side of a valve or at an opposite side to the valve. The means for sensing the temperature is altered in an axial direction of the spring.